

I/WE CLAIM:

1. An extendable rearview mirror assembly for a vehicle, comprising:
 - a mirror housing;
 - a first mirror disposed in a mirror frame;
 - a second mirror disposed in said mirror housing; and
 - 5 structure for allowing movement of said first mirror and mirror frame, relative to said mirror housing, from an inboard position to an outboard position;
 - said second mirror concealed behind said first mirror at said inboard position and exposed in said outboard position thereby providing improved
 - 10 lateral rearward viewing to an operator of said vehicle.
2. The rearview mirror assembly as recited in Claim 1, further comprising a means for biasing said mirror and mirror frame against said mirror housing in said inboard and outboard positions, thereby minimizing vibration and distortion in a mirror image in said mirror.
3. The rearview mirror assembly as recited in Claim 1, wherein said structure for allowing movement of said first mirror and mirror frame comprises a groove in said mirror housing and said mirror frame being slidably disposed in said groove.
4. The rearview mirror assembly as recited in Claim 1, said structure for
allowing movement of said mirror and mirror frame comprising a post disposed in
said housing along a longitudinal horizontal axis, wherein said mirror frame being
rotatably disposed on said post, said mirror defining a plane, and said horizontal axis
5 extending through the plane of said mirror, offset from a central vertical axis of said mirror.

5. An extendable rearview mirror assembly for a vehicle comprising:

a mirror housing;

a mirror disposed in said mirror housing, said mirror defining a plane;

and

5 structure for allowing rotation of said mirror about a longitudinal horizontal axis which extends perpendicularly through the plane of said mirror.

6. The rearview mirror assembly as recited in Claim 5, further comprising a means for biasing said mirror against said mirror housing to lock said mirror at said
10 inboard and outboard positions.

7. The rearview mirror assembly as recited in Claim 6, wherein said mirror rotates between inboard and outboard positions are disposed 180° apart from each other around said horizontal axis.

8. The rearview mirror assembly as recited in Claim 5, wherein said horizontal
15 axis is disposed between a central vertical axis and a lateral outer edge of said mirror shell.

9. An extendable rearview mirror assembly for a vehicle, comprising:
- a mirror housing comprising a shell and a rim forming therebetween a groove;
 - a first mirror disposed in a mirror frame, said mirror frame disposed in said groove and slidable between an inboard position and an outboard position;
 - a second mirror disposed in said mirror housing; and
 - a means for biasing said mirror frame and first mirror against said mirror housing;
- 10 said second mirror concealed behind said first mirror when said mirror frame is in said inboard position and exposed when said mirror frame is in said outboard position thereby providing improved lateral rearward viewing to an operator of said vehicle.
10. The rearview mirror assembly as recited in Claim 9, said biasing means comprising a bracket disposed in said housing adjacent and behind said mirror frame and first mirror, wherein said bracket applies a force against said mirror frame to bias said mirror frame in said groove.
11. The rearview mirror assembly as recited in Claim 9, said mirror frame having a detent along the lateral edge thereof adjacent the vehicle and said rim having a slot along the lateral edge thereof adjacent the vehicle, wherein, in said inboard position, said detent is received in said slot, thereby biasing said mirror assembly in said inboard position.

12. The rearview mirror assembly as recited in Claim 11, said mirror frame further comprising a stop disposed on a rear face thereof remote from said first mirror, wherein said stop prevents said mirror frame from sliding out of said groove past said outboard position.